

UNITRONIC® LiYCY

Screened data transmission cable with colour code acc. to DIN 47100
 Overall braid minimises electrical interference
 Multifunctional application possibilities



Interference signals

Application range

Screened cables with small dimensions are suitable for use in computer systems, instrumentation technology, office equipment, balances.
 Dry or damp rooms

Product Make-up

Fine-wire/multi-wire (0.34 mm²) strand made of bare copper wires
 Core insulation made of PVC
 Tinned-copper braiding
 Outer sheath made of PVC
 Outer sheath colour: pebble grey (RAL 7032)

Norm references / Approvals

Based on VDE 0812

Product features

Flame-retardant according IEC 60332-1-2

Technical Data

Core identification code:	DIN 47100 without colour repetition, refer to Appendix T9
Mutual capacitance:	C/C: approx. 120 nF/km C/S: approx. 160 nF/km
Peak operating voltage:	(not for power applications) at 0.14 mm ² : 350 V at ≥ 0.25 mm ² : 500 V
Classification:	ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable
Inductivity:	approx. 0.65 mH/km
Conductor stranding:	Stranded, fine-wire 0.34 mm ² : 7-wire
Minimum bending radius:	Occasional flexing: 15 x outer diameter Fixed installation: 6 x outer diameter
Test voltage:	At 0.14 mm ² : 1200 V
Temperature range:	Occasional flexing: -5 °C to +70 °C Fixed installation: -40 °C to +80 °C

UNITRONIC® LiYCY**Note**

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: coil \leq 30 kg or \leq 250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

Photographs are not to scale and do not represent detailed images of the respective products.

Part number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)
UNITRONIC® LiYCY			
0034302	2 x 0,14	3.9	12.0
0034303	3 x 0,14	4.1	13.0
0034304	4 x 0,14	4.3	14.3
0034305	5 x 0,14	4.6	15.5
0034306	6 x 0,14	4.9	18.2
0034307	7 x 0,14	4.9	19.0
0034308	8 x 0,14	5.8	21.2
0034310	10 x 0,14	6.1	28.5
0034312	12 x 0,14	6.3	30.4
0034314	14 x 0,14	6.7	32.0
0034315	15 x 0,14	6.9	37.8
0034316	16 x 0,14	7.0	43.0
0034318	18 x 0,14	7.3	48.8
0034320	20 x 0,14	7.7	53.9
0034321	21 x 0,14	7.9	55.5
0034324	24 x 0,14	8.4	61.0
0034325	25 x 0,14	8.5	63.0
0034328	28 x 0,14	8.5	66.1
0034330	30 x 0,14	8.7	69.0
0034336	36 x 0,14	9.3	83.0
0034340	40 x 0,14	10.4	87.5
0034344	44 x 0,14	10.7	110.5
0034350	50 x 0,14	11.1	122.5
0034402	2 x 0,25	4.5	16.0
0034403	3 x 0,25	4.7	21.0
0034404	4 x 0,25	5.0	24.0
0034405	5 x 0,25	5.6	29.0
0034406	6 x 0,25	6.0	30.0
0034407	7 x 0,25	6.0	37.0
0034408	8 x 0,25	7.1	42.0
0034410	10 x 0,25	7.5	46.0
0034412	12 x 0,25	7.7	53.0
0034414	14 x 0,25	8.0	59.0

Part number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)
0034415	15 x 0,25	8.3	61.0
0034416	16 x 0,25	8.4	64.0
0034418	18 x 0,25	8.8	83.0
0034420	20 x 0,25	9.3	88.0
0034421	21 x 0,25	9.6	93.0
0034425	25 x 0,25	10.7	114.0
0034428	28 x 0,25	10.8	126.0
0034432	32 x 0,25	11.4	138.0
0034436	36 x 0,25	11.8	148.0
0034440	40 x 0,25	12.7	157.0
0034450	50 x 0,25	13.8	178.0
0034461	61 x 0,25	15.0	205.0
0034502	2 x 0,34	4.9	21.0
0034503	3 x 0,34	5.1	27.0
0034504	4 x 0,34	5.7	28.0
0034505	5 x 0,34	6.2	30.0
0034506	6 x 0,34	6.8	45.0
0034507	7 x 0,34	6.8	48.0
0034508	8 x 0,34	7.8	52.0
0034510	10 x 0,34	8.3	74.0
0034512	12 x 0,34	8.5	80.0
0034514	14 x 0,34	8.9	86.0
0034515	15 x 0,34	9.2	90.0
0034516	16 x 0,34	9.4	94.0
0034518	18 x 0,34	10.2	103.0
0034520	20 x 0,34	10.7	112.0
0034521	21 x 0,34	11.1	116.0
0034525	25 x 0,34	11.9	135.0
0034528	28 x 0,34	12.0	153.0
0034530	30 x 0,34	12.3	159.0
0034532	32 x 0,34	13.0	165.0
0034536	36 x 0,34	13.4	179.0
0034540	40 x 0,34	14.8	200.0
0034550	50 x 0,34	15.9	235.0

Part number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)
0034602	2 x 0,5	5.6	29.0
0034603	3 x 0,5	5.9	38.0
0034604	4 x 0,5	6.3	43.0
0034605	5 x 0,5	7.0	51.0
0034606	6 x 0,5	7.6	59.0
0034607	7 x 0,5	7.6	65.0
0034608	8 x 0,5	8.7	70.0
0034610	10 x 0,5	9.3	88.0
0034612	12 x 0,5	9.6	99.0
0034618	18 x 0,5	11.8	134.0
0034620	20 x 0,5	12.1	149.0
0034625	25 x 0,5	13.7	211.0
0034630	30 x 0,5	14.5	230.0
0034702	2 x 0,75	6.0	38.0
0034703	3 x 0,75	6.3	49.0
0034704	4 x 0,75	7.0	58.0
0034705	5 x 0,75	7.6	67.0
0034707	7 x 0,75	8.2	100.0
0034710	10 x 0,75	10.5	130.0
0034712	12 x 0,75	10.8	154.0
0034718	18 x 0,75	13.0	195.0
0034725	25 x 0,75	15.3	280.0
0034730	30 x 0,75	15.8	312.0
0034802	2 x 1	6.3	43.0
0034803	3 x 1	6.8	56.0
0034804	4 x 1	7.3	68.0
0034805	5 x 1	8.0	79.0
0034807	7 x 1	8.6	118.0
0034810	10 x 1	11.1	140.0
0034812	12 x 1	11.4	168.0
0034818	18 x 1	13.4	252.0
0034825	25 x 1	16.2	335.0
0034902	2 x 1,5	7.1	58.0
0034903	3 x 1,5	7.5	74.0

Part number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)
0034904	4 x 1,5	8.1	108.0
0034905	5 x 1,5	8.8	129.0
0034907	7 x 1,5	9.5	164.0
0034912	12 x 1,5	12.7	254.0
0034918	18 x 1,5	15.3	350.0
0034925	25 x 1,5	17.9	550.0

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